

# Work Order ID 126080

Monday, October 27, 2014 1:24:40 PM

**\*126080\***

Friday Page 1

Item ID: D206-781-311KIV Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Utility Installation - Ivory  
 Start Date: 10/27/2014 Start Qty: 1.00 **\*1\*** Cust Item ID:  
 Required Date: 10/29/2014 Req'd Qty: 1.00 **\*1\*** Customer:  
 Reference:

Approvals: Process Plan: ME Date: 10-27 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
IIN-D407-781-4	A

100 Document Control 0.00

**\*100\***

DC Memo 0.00  
 Doc.Control -USB or Paperwork Photocopy bluefile & type labels per PPP D206-781-311KIV ME  
 CHG001

DAS  
31  
9-89

OCT 30 2014

110 Pick Kit 0.00

**\*110\***

Packaging Memo 0.00  
 Packaging

DAS  
06  
9-89 OCT 29 2014

120 QC4- 100% Inspect kits for completeness 0.00

**\*120\***

QC Memo 0.00  
 Quality Control

1 8 14-10-28

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

Work Order: _____  Part No. _____  NCR No. _____	<b>DISPOSITION</b>  Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	<b>AGAINST DEPARTMENT/PROCESS</b>  <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

### FAULT CATEGORY

<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence
		<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge
		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other

**Work Order ID 126080**

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**\*126080\***

Page 2

Item ID: D206-781-311KIV

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Item Name: Utility Installation - Ivory

Stop **\*NS2\***

Start Date: 10/27/2014 Start Qty: 1.00

**\*1\***

Cust Item ID:

Required Date: 10/29/2014 Req'd Qty: 1.00

**\*1\***

Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start **\*NR1\***

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: _____	0.00							
<b>*130*</b>									DAS
Packaging	Memo	0.00							NS
Packaging	Identify and pack for shipping as per PPP D206-781-311KIV Location: _____ PPP Rev: _____								S-03
140	QC21- Final Inspection - Work Order Release	0.00							
<b>*140*</b>									
QC	Memo	0.00							
Quality Control									

OCT 29 2014

MCS 14-10-30

MF  
14-10-30

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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Work Order update only ☐

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Operator									
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**FAULT CATEGORY**

<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge  <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled  <input type="checkbox"/> Other
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# Picklist Print

Monday, October 27, 2014 1:24:35 PM

Page 1

Work Order ID: 126080

**\*126080\***

Parent Item: D206-781-311KIV

**\*D206-781-311KIV\***

Parent Item Name: Utility Installation - Ivory

Start Date: 10/27/2014

Required Date: 10/29/2014

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev. A New Issue 10/11/25 DL

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D206-781-341KIV		Manufactured	No			110	Each	2.0000	1	1			
<b>*D206-781-341KIV*</b>									<b>**</b>				DAS
Crew Cabin Overhead - Ivory													C3 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				FG119				2					
				64210				2					
D206-781-351KIV		Manufactured	No			110	Each	1.0000	1	1			DAS
<b>*D206-781-351KIV*</b>									<b>**</b>				C3 9-89
Vertical Tunnel - Ivory													
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				FG070				1					
				64220				1					DAS
D206-781-361KIV		Manufactured	No			110	Each	1.0000	1	1			C3 9-89
<b>*D206-781-361KIV*</b>									<b>**</b>				
Rear Overhead 206L/L1 - Ivory													
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				FG080				1					
				64225				1					DAS
D206-781-371KIV		Manufactured	No			110	Each	1.0000	1	1			C3 9-89
<b>*D206-781-371KIV*</b>									<b>**</b>				
Hat Bin-Ivory													
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				FG119				1					
				53846				1					

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



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Work Order update only ☐

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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
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Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
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Training									
Transport									
Unapproved									

### FAULT CATEGORY

<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge  <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled  <input type="checkbox"/> Other
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## 5.0 PARTS LIST

5.1 BELL 206 L/L1

## 5.1.1 D206-781-311 UTILITY KIT

Qty -311	Part Number	Description
X	D206-781-311	UTILITY KIT
1	D206-781-341	CREW CABIN OVERHEAD KIT
1	D206-781-351	VERTICAL TUNNEL KIT
1	D206-781-361	REAR OVERHEAD KIT
1	D206-781-371	HAT BIN KIT

## 5.1.2 D206-781-341/-351/-361/-371 KITS

Qty -341	Qty -351	Qty -361	Qty -371	Part Number	Description
X				D206-781-341	CREW CABIN OVERHEAD KIT
	X			D206-781-351	VERTICAL TUNNEL KIT
		X		D206-781-361	REAR OVERHEAD KIT
			X	D206-781-371	HAT BIN KIT
1				D4116-1	OVERHEAD PANEL W/O DUCT
4				NAS388-6-8P	SCREW
4				NAS391B6P	WASHER
	1			D3828-1	VERTICAL TUNNEL, LOWER LH
	1			D3828-2	VERTICAL TUNNEL, LOWER RH
	1			D3829-1	VERTICAL TUNNEL W/O DUCT, UPPER LH
	1			D3829-2	VERTICAL TUNNEL W/O DUCT, UPPER RH
	1			D3829-3	VERTICAL TUNNEL W/O DUCT, AFT
	1			D3970-3	FIRE EXTINGUISHER COVER W/O DUCT
	4			D3800-1-100-800	LOOP STRIP
	4			D3800-3-100-800	HOOK STRIP
	1			D3989-1-360	SEAL
	6			MS21059L3	NUTPLATE
	12			MS20426AD3-4	RIVET
	6			AN525-10R14	SCREW
		1		D4075-1	REAR OVERHEAD, CENTER
		1		D4076-1	REAR OVERHEAD, LH
		1		D4076-2	REAR OVERHEAD, RH
		14		D4291-1	SPACER
		14		AN525-10R30	SCREW
			1	D3845-1	HAT BIN
			6	D3851-1	DOUBLER
			4	AN525-10R14	SCREW

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Revision: **A**  
 Date: 10.10.28